



- 0734-2530136

## **MP POWER TRANSMISSION CO. LTD.**



TENDER SPECIFICATION NO.

# **TS-05/2018**

FOR

## **SUPPLY OF INSULATING MATS**

LAST DATE OF SALE	:	10.09.2018
LAST DATE OF SUBMISSION	:	11.09.2018 up to 3.30 PM
DUE DATE OF OPENING	:	11.09.2018 at 4.00 PM

Office of the  
**SUPERINTENDING ENGINEER(T&C)**  
MP Power Transmission Co.Ltd.Ujjain.

Price: ` 500/- + GST Rs.60/- and 150/- (Postal charges).

OFFICE OF THE SUPERINTENDING ENGINEER  
(TESTING & COMMUNICATION)  
MP POWER TRANSMISSION CO. LTD:UJJAIN

**TENDER SPECIFICATION NO. TS-05/2018  
FOR SUPPLY OF INSULATION MATS**

**DUE DATE OF OPENING OF TENDER: 11.09.2018 (AT 4:00PM)**



S/N	PARTICULARS	Page No.
1	Tender Notice	03
2	Tender form, Scope & Policy for Acceptance	04-05
3	Section-I (General Condition and instructions to Tenderers).	06-16
4	Section-II (Technical Specification for INSULATION MATS)	17-19
5	Appendix-A (Important Commercial Terms & Conditions)	20
7	Proforma-I (Undertaking)	21
8	Proforma-II(Earnest Money, Bank Guarantee)	22
9	Schedule-A(Commercial Questionnaire)	23-24
10	Schedule-B(Commercial Deviations)	25
11	Schedule-I ( <b>Prices &amp; Quantity</b> )	26
12	Schedule-II(Guaranteed Technical Particulars)	27
13	Schedule-III(Technical Questionnaire)	28
14	Schedule-IV(Details of Drawing submitted)	29
15	Schedule-V(Technical Deviation)	30
16	Schedule-VI(Schedule of Offered Quantity and Rates Taxes Duties Freight)	31
17	Schedule-VII(List of Type Test)	32
18	Schedule-VIII(Check List)	33



**M. P. POWER TRANSMISSION COMPANY LIMITED**  
(Registered Office :- Block.No.2,Shakti Bhawan,Rampur Jabalpur – 482008)  
OFFICE OF THE SUPERINTENDING ENGINEER (T&C) UJJAIN



## TENDER NOTICE

Sealed tenders are invited for supply of Insulated Mats confirming to IS-15652/2006 for control room at EHV Sub-stations under T&C Circle Ujjain Tender Specification No.TS-05/2018 against following tender specification :-

Tender No.	Details of work	Due date	EMD to Submitted	Cost of tender
TS-05/2018	For supply of Insulated Mats size 1 meter width x 3.0 mm. thickness confirming to IS-15652/2006 (Latest) for Control Room at EHV Sub-stations under T&C Circle Ujjain (Rates to be quoted per running meter length & F.O.R. at Area store MPPTCL Indore	11.09.18	Rs.2800/-	Rs.500/-+ GST Rs.60 & Rs.150/- (postal charges if required.

### QUALIFYING REQUIREMENTS

**QUALIFYING REQUIREMENTS:** (a) The bidder should be a manufacturer or his authorized representative (dealer/distributor) & should have GST Registration. (b) The bidder is required to be financially strong to execute the work. (c) Offers of such bidders who have poor track record of performance in earlier contracts are liable to be rejected. For details please see the complete tender document.

### PURCHASE OF TENDER DOCUMENTS:-

The tender documents can be obtained from the office of the undersigned on payment by sending DEMAND DRAFT / BANKERS CHEQUE drawn in favour of Regional Accounts Officer,MPPTCL, Indore, payable at Indore. Last date of tender document shall be one day prior to due date of tender opening. Postal charges of Rs. 150/- shall be payable extra, if required by post. **The tender document has also been available in MPPTCL's Web Site in a downloadable format. No fee for downloading of bid documents is required, however, this fee (Rs. 500/-+ GST 60/- =560/-) shall be compulsorily deposited by the firm / tenderer, who is submitting the bid.** It is obligatory for the bidders to purchase tender specification otherwise offer(s) received from them will not be opened/accepted. For further details, please visit our Web Site. [www.mp.gov.in/energy/mpseb](http://www.mp.gov.in/energy/mpseb), [www.mptransco.nic.in](http://www.mptransco.nic.in) and also on Web Site [www.tenderhome.com](http://www.tenderhome.com). [www.indiaelectricmarket.com](http://www.indiaelectricmarket.com).[www.ieema.org](http://www.ieema.org). [www.webdunia.com](http://www.webdunia.com). [mpeprocurement.gov.in](http://mpeprocurement.gov.in).

SUPERINTENDING ENGINEER (T&C)  
M.P.POWER TRANS.CO.LTD. UJJAIN.

/SAVE ELECTRICITY//

**TENDER FORM**

(To be kept in Envelop-I)

**TENDER SPECIFICATION NO. TS-05/2018**

FOR

**Supply of INSULATED MATS**

Tender document Sl. No. -----

Issued to -----

Cost of Tender document ` -----

Received vide BC/DD/Pay order No. -----

Drawn on Bank -----

**Signature & Seal of  
issuing officer.****MADHYA PRADESH POWER TRANSMISSION CO. LTD.  
UJJAIN- M.P. (INDIA)**

The undersigned hereby tender and offer (subject to Company's conditions of tendering) the **M.P. POWER TRANSMISSION COMPANY LIMITED (hereinafter referred to as 'Company')** to test and supply the plant, machinery and materials, deliver and execute and do the several works and things which are described or referred to in the enclosures and schedules to the specification **No.TS-05/2018** copies of which are annexed hereto and which under the terms thereof are to be supplied, executed and done by the Contractor in a thoroughly good and workman like manner and to perform and observe the provisions and agreements or the part of the Contract contained in or reasonably to be inferred from the said tender documents for the sums and at the rates set out in schedules annexed hereto.

It is confirmed that (i) Questionnaire for Commercial terms and conditions and (ii) All other conditions-whenever described in the tender document have been replied in full giving clear details. It has been noted that in case any reply is not given or any reply is incomplete/ambiguous, the Company will have the right to take the same to be advantageous for the Company. Company's decision in this regard will be final. The tenderer will have no right to furnish any technical or commercial clarifications after opening of the bid, which may in any way alter the offered prices.

Signed this -----day of -----2018.

**Bidders Signature  
with Seal of the Company:  
Bidders Address:**

(Note: This form duly signed must be submitted along with offer).

## **SCOPE OF POLICY FOR ACCEPTANCE**

**1.0 SCOPE:-** This specification covers supply of **150 Mtrs. INSULATED MATS 1mtr width x 3.0 mm thickness Class -C conforming to IS-15652/2006 (latest) for control room at EHV Sub-stations** as per technical specifications. The detailed technical specification for above type INSULATION MATS have been described in enclosed Section-II. The tenderers are requested to go through our technical requirements carefully. It may be noted that furnishing of all information as required in various Schedules is a must. In case, any of these schedules duly filled in is not furnished or confirmations as required in the Schedules are not given, the tender will be treated as incomplete and may be liable for rejection without any correspondence by the MPPTCL.

**2.0 ACCEPTANCE OF OFFERS:-** The tenderers shall have to participate for the complete scope of tender. Specific requirements of commercial matters are indicated under various clauses of Section-I. Tenderers are advised to go through contents of various clauses of specific requirement for standard commercial terms & conditions very carefully. In case of non compliance/ lapse, responsibility for the same will rest on them.

Tenderers are requested to go through our technical requirements given in Section-II carefully. Tenderers may note that furnishing of all information as required in various schedules enclosed is a must. In case any of the schedules, duly filled in, is not furnished the tender may be treated as incomplete.

While deciding placement of supply order and also quantities to be allocated to a manufacturer against this tender apart from the prices quoted and compliance to terms and conditions of the tender specifications, purchaser will also take into account such factors as performance against earlier contracts in terms of quality of equipment/material supplied as also performance of their equipment/material in our system, after sales service and adherence to prescribed time schedules. Offers of such manufacturers, who have poor track record of supply and/ or equipment performance in earlier contracts may not be considered. The decision of the MPPTCL in this regard shall be final & binding on the tenderers.

### **3.0 POLICY FOR ACCEPTANCE OF OFFERS AND DIVISION OF QUANTITY**

MPPTCL reserves the right to take into account overall past performance of tenderers for the purpose of acceptance of their offer as also for division of quantity of equipments/materials covered under the scope of tender document. The following conditions in this regard may be noted :

- 3.1 Notwithstanding, the financial and other qualifying criteria as stipulated in the tender document which have to be necessarily complied with for the purpose of qualifying against the tender, it may be noted that the MPPTCL reserves the right to take into account past performance of the tenderer in regard to quality of supply of material, performance in regard to timely supplies and after sales services; for the purpose of evaluation of offer as also for considering the same for acceptance as also for quantity distribution.
- 3.2 Notwithstanding the details and confirmations which will be furnished by tenderers in regard to qualification criteria, it may be noted that MPPTCL reserves the right to split the quantities amongst more than one tenderer, in case it is considered necessary in the interest of timely completion of works or any other reason.
- 3.3 MPPTCL also reserves the right to split up the orders on different suppliers separately for the equipments/material required for various substations or splitting may be done on the ground of technical co-ordination with any other equipment / system or any other ground without assigning any reasons.

It is not binding on the purchaser to accept the lowest or any offer. The purchaser reserves the right to place orders for individual items on different suppliers. The quantities are also subject to modifications at the time of placing the order.

**Tenderer may please note that MPPTCL reserves the right to increase or decrease the quantity and also divide the quantities among more than one tenderer.**

\*\*\*

**Section-I**

**GENERAL CONDITIONS AND  
INSTRUCTIONS TO TENDERERS**

**FOR**

**SUPPLY OF INSULATION MATS**

**SECTION-I****GENERAL CONDITIONS AND INSTRUCTIONS TO TENDERERS**

**1.0** In Commercial Questionnaire, few questions towards various important commercial terms and conditions has been given. It is necessary to reply all the questions and furnish the information as mentioned therein.

**2.0** The tenderers are requested to furnish complete technical particulars for their equipment/material. In case any information is not available, no query shall be made and comparison shall be made on the basis of available information.

**3.0** The tenderers may kindly note that the offered prices for INSULATION MATS should be on **FIRM** basis only, as such no price variation shall be payable. It may be noted that in case **Variable** prices are offered, the bid shall be rejected.

**4.0** Offer is to be submitted in original. It may be noted carefully that with offer, the following documents as per requirement of the material / equipment offered should definitely be enclosed.

**4.1** General arrangement drawing and other drawings of the equipment/material offered and as stipulated in Section-II. The drawing should indicate clear dimension & material content.

**4.2** Technical literature giving constructional, operational and other details of each and every equipment/material that are offered in the tender.

**5.0** **The tenderers are requested to furnish the latest certificate of all type tests conducted at any independent recognized institute on material offered by them as per our specification given at clause no. 2.0 of Section-II. These type tests should have been conducted within last three years.** In the absence of this, no query shall be made and we will be at liberty to reject any such offer, which is not satisfactorily supported with requisite test certificates. A list of past supplies made by the tenderers for the equipment offered and also related performance certificate from such buyers may also be furnished alongwith the offer.

**6.0 PROCEDURE FOR THREE PART BIDDING:** - Tenderers are requested to submit their offer strictly in line with this clause. The submission of Earnest Money Deposit is mandatory requirement. The Offer is required to be submitted in Original in sealed envelopes for which following details may be noted and the Offer will be submitted accordingly:-

**6.1 ENVELOPE - I : EARNEST MONEY DEPOSIT :**

The tenderer shall furnish as part of its Bid, Earnest Money along with their offer. The amount of earnest money shall be Rs. 2800/- (Rupees Two Thousand Eight Hundred only)

- (i) Earnest Money shall be furnished in the following manners:-
- a. In Cash, to be deposited with REGIONAL ACCOUNTS OFFICER, MPPTCL, Indore Money Receipt, so obtained from the office of REGIONAL ACCOUNTS OFFICER, MPPTCL, Indore should clearly indicate date, value of earnest money deposit, Tender Specification number for which earnest money has been deposited by the tenderer. Money Receipt in original should be submitted by the tenderer within stipulated period in accordance with procedure laid down above.
  - or**
  - b. By Bank Draft in favour of REGIONAL ACCOUNTS OFFICER, MPPTCL, INDORE. Original Demand Draft should be submitted by the tenderer within stipulated period in accordance with procedure laid down above.
  - or**
  - c. By Bank Guarantee having validity of 12 months as per Proforma enclosed with the Bid Specification. Original Bank Guarantee should be submitted by the tenderer within stipulated period in accordance with procedure laid down above.
- (ii) The following are exempted from payment of Earnest Money.
- a. Registered small-scale industries of Madhya Pradesh.
  - b. Ancillary units of than Madhya Pradesh State Electricity Board.

- c. M.P. State/Central Government undertakings or fully owned State Govt. Manufacturing unit with 100% Govt. shares.
  - d. Small-scale units enlisted with the National Small-scale Industries Corporation for Central Govt. Stores Purchase Programme.
- (iii) If the earnest money is not submitted, the offers shall be summarily rejected and shall not be opened subject to the conditions indicated in Clause 6.1(ii) above.
- (iv) The EMD of participating tenderers shall be released only after completion of all contractual formalities including submission and acceptance of Security Deposit towards Performance Guarantee by the successful tenderer.

The tenderers covered under category 6.1 (ii) are required to submit duly notarized copy of SSI/NSIC certificate which should clearly indicate validity period of the registration and manufacture of the item offered. In case this is not specifically indicated, the registration will be treated as invalid and offer will be ignored. Validity of certificates should be available minimum upto the period of validity of offer.

**Tender cost:** `500/- +GST Rs.60/- Total Rs.560/- (postal charges of `150/-) payable through DEMAND DRAFT/ BANKER'S CHEQUE drawn in favour of R.A.O. MPPTCL, Indore. ***The tender document is available on MPPTCL's web site ([www.mptransco.nic.in](http://www.mptransco.nic.in)) in a downloadable format. No fee for downloading of bid documents is required, however cost of Tender document, in the form of DD/Banker cheque mentioned above, shall be compulsorily deposited by the firm/tenderer, while submitting the bid in Envelope -I alongwith DD of EMD.*** It is obligatory for the bidders to purchase tender document or cost of tender document is to be submitted along with tender form (in case if tender document is downloaded) otherwise offer(s) received from them will not be opened/accepted.

**6.2 ENVELOPE-II: PART I - TECHNICAL BID:** In this Bid, the Tenderers will have to furnish confirmation in regard to compliance of all our technical requirement. The Offer should clearly describe various guaranteed technical particulars of the offered INSULATION MATS in Schedule-II of this specification enclosed. Also alongwith above information all details required in Schedule-II & III for all items separately and also Schedule-IV to Schedule-VIII should be furnished, so that we may be able to examine whether the Bid submitted is technically acceptable or not.

Our technical requirements are very clearly stipulated in various clauses of Section-II of the tender document. It would be obligatory for all tenderers to furnish required technical schedules and also to specifically confirm that they are agreeable to meet all our technical requirements.

### **6.3 ENVELOPE-II: PART II - COMMERCIAL BID:**

**6.3.1** In this part of tender, the tenderer should clearly spell out confirmation in regard to various commercial terms and conditions for supply. Basis of price, acceptance of various important terms and conditions for supply and questionnaire (Schedule-A) for commercial terms and conditions for supply and Schedule of commercial deviations (Schedule-B) duly filled-in will form part of Commercial Bid. The tenderer, therefore, should furnish all information clearly. It may please be noted that it is obligatory on the part of tenderers to comply with all our commercial terms and conditions.

The tenderers are also required to enclose a copy of the Unpriced Schedule(Schedule-VI) for INSULATION MATS for "Prices & Quantity" (i.e. without mentioning any prices in Schedule-VI) clearly indicating quantity stipulated in tender & quantity offered by the tenderer. Complete details of applicable taxes & duties and freight in % only (no amount of taxes duties should be filled in) shall also be clearly indicated in the Unpriced Price Schedule-VI. This schedule should be kept in envelope-III.



#### **6.4 ENVELOPE - III: PART III - PRICE BID:**

**6.4.1.** The price should be quoted on FIRM rates only in Schedule-I. No other information should be furnished in the Price Bid since price bid shall be opened at a later date. It may be mentioned that no such information should be furnished in the Price Bid which may not be in conformity with the details furnished in commercial and technical Bids. In case of any discrepancy, suitable loading on prices will be considered, for which responsibility will rest on the Tenderers.

The tenderers shall quote their prices, in Schedule-I, on FOR Destination basis.

Under no circumstances, the bidders are allowed to modify their prices once their price offer is submitted. No bid may be allowed to be withdrawn in the interval between the dead line for submission of bids and the expiration of period of bid validity specified. Withdrawal of bid during this interval shall result in the forfeiture of bidder's Earnest Money.

**6.5 ENVELOPE-IV:** This large envelope should contain all the above three envelopes.

#### **7.0 BID OPENING PROCEDURE FOR THREE PART BIDDING:-**

**7.1** Please note that the bid will not be opened at the time of tender opening if Earnest Money Deposit is not deposited in cash or demand draft as specified in the tender, unless exempted by the Company.

**7.2** The large envelope (Envelope-IV) containing all the 3 envelopes will be opened on the due date of tender opening. Out of 3 envelopes, Envelope-I containing EMD & tender cost (if downloaded) shall be opened first and EMD & tender cost shall be verified for its form & amount in line with tender requirement as per Clause 6.1. After completion of verification, Envelope II (containing Part-I "Technical Bid") and (Part-II "Commercial Bid") will be opened.

**7.3** The Envelope III (containing Part-III "Price Bid") will be retained by us duly sealed and unopened. After scrutiny of Technical and Commercial Bid, decision will be taken for selection of Bids for the purpose of opening of Price Bid (Part-III, envelope-III). The tenderers whose techno-commercial Bids are in line with MPPTCL requirement, shall be informed separately the exact date and time so that they may depute their representative for attending Price Bid opening.

**7.4** In case, the above instructions are not followed properly and if any of the envelopes is not available for inspection and opening, no representation at the time of tender opening will be entertained and such bids may not be opened. The tenders should reach the office of Purchaser, on or before 3.30 PM upto due date of opening. The tenders received after due date & time, due to any reason whatsoever including postal delay etc., will not be considered and will be returned unopened. It is the responsibility of the supplier to ensure that the tender and earnest money are received in the office on or before the specified time and date. The tenders will be opened in the office of the Purchaser, at 4.00 PM on due date.

**7.5** Tenderers are requested to make a note of the fact that it will not be possible to entertain any request for extension in due date of opening of bids against this tender specification.

**7.6** In case of SSI/NSIC units, it should be ensured that a photocopy of registration certificate is furnished with the original bid (Envelope-I). The registration certificates should clearly certify that the supplier is registered for the manufacture of the items offered. If this is not complied with, the bid will be rejected. The registration should be valid at the time of submission of bid. It may please be noted that if NSIC registration is not valid on the date of tender opening and tenderer has applied for extension of the same then its revalidation should reach the office of Purchaser before opening of price bid otherwise their price bid may not be opened.

**7.7** SSI/NSIC certificate should clearly indicate validity period of the registration. In case this is not specifically indicated the registration will be treated as invalid and offer will be ignored. Validity of certificate should be available minimum upto the period of validity of bid.

**7.8** Bid necessarily has to be on FOR Destination basis(delivery of material in Tr. Store Jabalpur) . Break-up of quoted prices into ex-works and freight should also be necessarily furnished. Please note carefully that bids on basis other than FOR Destination are liable for rejection.

**8.0. VALIDITY OF OFFER:- All Tenders are required to be kept valid for a period of 120 days from the date of opening of price Bids.** In case validity period is found to be short at the time of opening of Tender, all such Tenders may be rejected and returned.

**9.0** While submitting the tender, it shall be ensured that the schedules are strictly in prescribed forms. The tenderer may use the original forms of schedules supplied with the tender specification or may use separate sheets.

In any case the original/downloaded tender form should be filled in and submitted. The tenders should be completed with all schedules attached to the specification including the questionnaire, guaranteed particulars etc. Any changes in the format of tender form & schedules are not acceptable otherwise, the tender will be liable for rejection. This is very essential. The questionnaire should be answered in full otherwise the tenders are liable to be rejected.

**10.0** The tenderers are requested to go through the specification schedules, notes and all enclosures carefully.

**11.0** The Company reserves the right (i) to reject any or all tenders or to accept any tender considered advantageous to the Company whether it is the lowest tender or not and (ii) to split the quantities against the tender on more than one firm for the same items. No reasons will be assigned by the Company for this and this will be binding on the tenderers.

**12.0** Bidder should have GST Registration .

**13.0** In case the date of opening of the tender is declared a holiday, the tenders will be received and opened on the following working day at the specified timings without any prior intimation.

**14.0** When tenders are delivered by special messenger, the same should be deposited in the tender box kept in the office of Purchaser on working days between **10.30 AM to 5.30 PM**. No-body is authorized to receive or grant receipt for tenders delivered by hand.

**15.0** Telegraphic offers will not be considered. Tender received after specified hours and date will not be considered and will be returned unopened. The Company will not be responsible for the postal delay in delivery of tender.

**16.0** All tenders should be made out in English. Tenders if submitted in any other language must be accompanied by English translations.

**17.0** Tenders should be furnished duly bound or firmly stitched in required copies. Each copy should be complete in all respects i.e. all enclosures should be attached separately with each copy. All pages/ pamphlets/ drawings/certificates/ documents should be numbered serially & attested/singed by the tenderer.

**18.0 EVALUATION AND QUALIFICATION CRITERIA:-** The financial status, and other qualifying, criteria that will be taken into account to qualify the Tenderer are specified here in below.

**18.1** The bidder is required to be financially strong to execute the work.

**18.2** The bidder should be a manufacturer or his authorized representative (dealer/distributor). In case the bidder is not a manufacturer then he will have to furnish valid Authorization certificate from the manufacture. The bidder should have G.S.T Registration number in firms name.

**18.3.** Notwithstanding the details which will be furnished by tenderers in regard to qualification criteria, it may be noted that MPPTCL reserves the right to split the quantities amongst more than one tenderer, in case it is considered necessary in the interest of timely completion of works or any other reason.

**18.4** Notwithstanding the qualifying criteria as mentioned above, which have to be necessarily complied with for the purpose of qualifying against the tender, it may be noted that the MPPPTCL also reserves the right to take into account past performance of the tenderer in regard to quality of supply of main equipment as well as its accessories, performance in regard to timely supplies and also performance in regard to making available supervisory services as well as after sales services. Past performance in MPPTCL may therefore be taken in to account while evaluating the offer.

**19.0 COMPLETENESS OF OFFER:-**

Tenderers have to ensure before submission of their offer its completeness in regard to all qualifying requirements. The tenderers has to ensure that required certificates of experience, performance, type tests, drawing etc., as required elsewhere in this document are necessarily attached with their offer. It needs to be appreciated that sufficient time is being allowed between invitation of tender and its opening. Tenderers in case of doubt may feel free to seek clarifications required by them before submitting their offer. The Company may or may not seek any clarification on the details furnished in the offer of individual tenderer. Non submission of any details or document required may render their tender offer liable for rejection. **This may please be noted carefully.**

**20.0 TERMS OF PAYMENT:-**

**20.1** The terms of payment for supply of equipment & material against this tender shall be as under;

**100% Payment towards supply of material** : 100% payment within 30 days or on turn as per queue system, whichever is later, after delivery of material and submission of bill in triplicate supported with required documents to the consignee i.e. Executive Engineer (Transmission Stores) MPPTCL, Indore. The Payment will be released by our Regional Accounts Officer, MPPTCL, Indore. The Company shall not be liable to pay any interest on delay in payment.

**21.0 DELIVERY:-**

**21.1** The complete material shall be delivered within **45 days** from the date of issue of Order.

**21.2** In the nut shell, within a period of 30 days the tenderer should organize despatch, transport and physical unloading of INSULATION MATS from the date of issue of order. In case these activities put together or delayed by more than 30 days, the purchaser will reserve the right to regulate penalty for delay and payment as per actual date of completion of these activities.

**21.4** Tenderers may please note that above delivery schedule of INSULATION MATS is tentative and subject to change based on our requirements.

**21.5 Consignee:** - The entire material shall be consigned to the Executive Engineer (Transmission Stores) MPPTCL, , Indore.

**22.0 PENALTY:**

**22.1** The time and the date of delivery of equipment/material at stores stipulated in the order shall be deemed to be the essence of the contract. In case of delay in execution of the order, the Company may at its option either (i) recover from the supplier/contractor a sum of 1/2% (half percent) of the FOR Destination (Landed cost without taxes & duties) price of the items/material not delivered for a week or part of week upto a maximum of 10% (ten percent) or (ii) purchase elsewhere on account and at the risk of the supplier the items/material not delivered or others of similar descriptions or (iii) cancel the contract.

**22.2** In case of delayed delivery of material, the purchaser may at his option impose a penalty calculated at the above rate for such portion of equipment delivered which cannot be put to use for which it was meant as a consequence for such delay.

**22.3** In case any of the INSULATION MATS are found to be defective in materials or workmanship or develops defects during service, same shall be replaced/ repaired by the supplier free of all charges within 30 days or within reasonable period as per specific agreement with order placing authority from the date of receipt of intimation. In case of delay in replacement/ repair of INSULATION MATS/accessories, the MPPTCL may at its option recover penalty @ 0.50% of ex-works price for each week or part thereof subject to a maximum of 10%.

**23.0 SECURITY DEPOSIT:-** Tenderers may please note that 10% security deposit shall be submitted within 30 days from the date of order for performance guarantee of equipments/material and faithful performance of contract. This is a mandatory requirement and if the successful tenderer fails to submit the Security Deposit for 10% value of order, the purchaser shall take action against the tenderer as per terms of order which may include invoking risk purchase clause of the order

**23.1** The supplier has to furnish security deposit in form of Demand Draft / Bank Guarantee as indicated below to cover performance guarantee period for supply of materials covered in this specification.

(a) SSI units of M.P. having annual business with the Purchaser above Rs. 50.00 lacs, and all the outside state units shall be required to pay security deposit @ 10 % of the value of order.

(b) SSI units of MP whose annual business is up to Rs. 50 lakhs, will be required to pay security deposit @ 5 % of the value of order subject to maximum of Rs. 20,000/-.

**23.2** The facility of depositing Permanent Security Deposit has been discontinued and hence the security deposit shall have to be furnished separately for individual supply order / contract in the manner as indicated above.

**24.0 RESPONSIBILITY FOR SAFE DELIVERY AT SITE:-**

Responsibility for safe delivery of the material up to the destination anywhere in MP shall rest on the supplier. To meet this requirement, it shall be the responsibility of the supplier to arrange transport through a duly registered Transport agency and ensure proper packing so that there is no damage to the Insulating Mats during transportation and unloading at site. Any loss or damage caused to the material during transit/unloading shall be made good by the supplier free of all charges within one month from the date of intimation by our consignee to this effect. The intimation will be sent within thirty days of receipt of equipments and its accessories at site.

Tenderers are however advised to intimate well in advance to our consignee regarding dispatch of materials on his contact no./ Mobile no., followed by written confirmation, on receipt of dispatch instructions so that necessary arrangements could be made by him to take delivery of material at store/ site. Please also depute your representative immediately on arrival of material at the destination to arrange proper stacking and conducting physical verification to establish shortages / damages, if any, which should be replenished in shortest possible time say, within two / three weeks. On account of the above, if any delay occurs in issuance of MRC, shall be to the supplier's account.

**25.0 CLIMATIC CONDITIONS AND ALTITUDES :-** The equipment and materials offered shall be suitable for use in tropical climate and for site locations upto an altitude of 1000 meter (3000 ft) above mean sea level maximum ambient temperature of 50 deg. C (122 deg. F) and humidity approaching saturation for extended periods during the monsoon months when the dry bulb temperature may be of the order of 30 deg.C (86 deg. F to 95 deg. F.).

**26.0 PERFORMANCE GUARANTEE:**

**26.1 INSULATION MATS covered under the Tender shall be guaranteed for performance and quality for a period of 12 months from the date of supply.**

**26.2** The following conditions shall also be applicable for the contract, to be placed against this tender:

- (a) In case any defect in the equipment/ material is found within guarantee period, the same will be replaced/ repaired by the supplier on free of cost basis. The replacement/ repairing will have to be organized by supplier expeditiously and preferably within one month's time.
- (b) If for the purpose of replacement/ repairs, the equipment/ material is required to be dispatched to supplier's works, all charges towards transportation/ insurance/ packing and forwarding will have to be borne by the supplier for to and fro dispatches.
- (c) If the material develops defect within guarantee period after installation at site, for the purpose of replacement/ repairs, the same will have to be dismantled and taken out by MPPTCL. In such cases, actual cost of dismantling, any other incidental cost and cost of replacement of the material will also be recoverable from the supplier.
- (d) In case it is observed that replacement/ repairs of equipment/ material is not being provided to us within reasonable period and proper response is not received from the supplier, then apart from operating Clause of Penalty (which provides for imposition of penalty/ liquidated damages, risk purchase at supplier's cost and cancellation of contract) the MPPTCL may also take suitable penal action against the supplier which may include debarring him from all future business with the MPPTCL for a period which will be at the discretion of the MPPTCL.

**27.0 SAMPLES:-** If required by MPPTCL; tenderers shall invariably submit sufficiently in advance of the bid opening date, a sample of the material being offered by them against this tender for purchaser's inspection. In case the sample is found to be lacking in any respect or is found unsatisfactory in terms of specifications, the offer may be liable for rejection. Such sample shall necessarily be submitted by the tenderers unless otherwise directed elsewhere in tender specifications/conditions.

**28.0 INSPECTION AND TEST CERTIFICATES:**

**28.1** If required the material may be inspected at the premises of successful lowest bidder after placement of order. In such case, no material shall be dispatched from the point of manufacture unless the material is found satisfactory. If the material is not inspected before dispatch the same will be inspected on arrival at destination.

**28.2** The acceptance of any quantity of the material shall in no way relieve the successful tenderer of his responsibility for meeting all the requirements of specification and shall not prevent subsequent rejection if such equipment are later found to be defective.

**29.1** Insulating Mats shall conform to provisions of any statutory acts, if applicable.

**29.2** The purchaser's representatives shall be entitled at all reasonable times during manufacture to inspect, examine and test at the contractor's premises the material and workmanship of the material to be supplied under this contract.

**30.0 COMPLETENESS OF MATERIAL:-** The Insulating Mats should be strictly as per specification.

**31.0 WORKMANSHIP :-** All materials shall be of the best class and quality most suitable for the conditions of operation under the climate conditions at the altitude indicated in these general conditions for supply of material. The workmanship shall be of the best grade and the entire construction in accordance with the best modern practice.

**32.0 PACKING:-** The supplier shall be responsible for the materials being sufficiently and properly packed at his expense for safe and secure transport by road and to withstand handling and transport at destination.

Each package shall be prominently, clearly, durably and distinctly marked on at least two faces as follows:-

- a. Name, designation & address of the consignee (to be furnished by the purchaser.)
- b. Purchaser's order number
- c. Ultimate destination (as required by the purchaser)
- d. The name, details of items and respective quantities contained in the package to be furnished by the purchaser on each package.
- e. The net & gross weight of the materials
- f. Volume of the package

All material shall be protected for transport through carriage and outdoor storage during transit. The packing shall conform to the specification, rules and regulations prescribed by the carriers. Each package shall contain a water proof cover to restrict entry of water/moisture inside.

Royalties for patents or any charges for the use or infringement thereof that may be involved in the supply shall be included in the offered prices. The supplier shall protect the purchaser against any claim thereof.

**33.0 TERMINATION:** - In the event of any breach of the terms of the order, the purchaser reserves the right to:

**33.1** Cancel the order for part or whole or materials yet to be supplied without any liability.

**33.2** To purchase from elsewhere on account and at the risk of the supplier part or whole materials so affected.

**34.0 FORCE MAJEURE:** - Deliveries stipulated in the purchase order shall be subject to force majeure conditions. The force majeure circumstance/ conditions shall include strikes; go slow, lock-outs, war, fire accidents, earthquakes, floods, national calamity, riots and civic commotion. Prevalence of force-majeure will have to be got certified by appropriate Governmental agency. The cause of force majeure condition will be taken into consideration only if the supplier within 15 days from the occurrence of such delay notifies the purchaser. The MPPTCL shall verify the facts and grant such extension as the facts justify, for which the supplier shall submit this representation with documentary evidence.

**37.0 QUANTITY:-** The quantities required are indicated in the Schedule of price & quantity. The purchaser reserves the right to vary the quantities as per his requirement while placing the order. The bidder will have to supply the entire quantity on same rates and terms & conditions.

**38.0 PROVISION OF EXTENSION ORDER:-** Tenderers may please note that purchaser (MPPTCL) reserves the right to place extension order for 50% additional quantity of ordered quantity of material on same rate, terms & conditions within **12 months** from date of placement of original order on successful tenderers.

**39.0 REPLACEMENT OF DEFECTIVE SUPPLIES:-** Please note that the following conditions shall be applicable:-

(a) In case any defect in the material is found within guarantee period, the same will be replaced / repaired by the supplier on free of cost basis. The replacement / repairing will have to be organized by supplier expeditiously and preferably within one month's time. It may please be noted that if repair/replacement of equipment/material is not organized within 3 months of notice of defects/failure being sent, Company shall recover the cost of such material from available payments/S.D. as the case may be without further notice and with such penalty as it may deem appropriate for non-compliance of contractual obligations.

(b) All other conditions, as described under clause 26, "Performance Guarantee" shall be applicable for the purpose of replacement of defective supplies.

**40.0 PLACE OF MANUFACTURE, TESTING AND INSPECTION:-**

The name of the manufacturer and the place of manufacture, testing of insulating mat sample shall be stated in the bid.

**41.0 GUARANTEED AND GENERAL PARTICULARS OF THE EQUIPMENT:-** The tenderer shall indicate guaranteed particulars and performance figures in respective Schedules. The bidders are required to submit the routine/type test reports in order to establish the technical specification of the offered material as indicated at clause no. 5.0 of Section-I.

**42.0 RECOVERIES FOR LIABILITIES AGAINST OTHER CONTRACTS :-** Any amount recoverable from the successful tenderer against earlier contract with the Company will be adjusted from payment due against the contract that may be awarded under this specification.

**43.0 LITIGATION HISTORY:-** Tenderers are requested to submit details of all litigation, arbitration and other claims whether pending, threatened or resolved in the last five years, with the exception of immaterial claims with cumulative possible impact of not more than 10% of the Tenderer's total assets. The purchaser may disqualify Tenderers in the event that the total amount of pending or threatened litigation, arbitration or other claims represents hundred percent (100%) of the Tenderer's net worth.

**44.0 PREFERENCE FOR COMPLETE OFFERS:-** The purchaser would prefer complete offer for the supply of material required. The purchaser may not be in a position to consider offers for piecemeal material only and the tender may be compared on the basis of complete supplies.

**45.0 COMPLIANCE WITH OTHER CONDITIONS:-** Although all other conditions have clearly been spelt out in the tender document, it is once again brought to the notice of tenderer that they should go through the tender document carefully and comply all other conditions also like furnishing of type test report, furnishing of list of past supplies, Income Return Certificate, Profit and Loss account, Balance Sheet for last three years, drawings and write-up for the manufacturing process.

For verifying reasonability of prices by the purchaser, the tenderers are required to enclose copies of orders under execution/executed recently for other Utilities alongwith tender for the offered equipment. It may be noted that the order copy must contain full scope of supply including price schedule etc. without any omission/deletion/hiding any information.

In nutshell, the offer at the time of submission of technical and commercial Offers itself should be complete in all respect. It should not be expected that in case of lack of any information, the MPPTCL will make any correspondence with the tenderer. The documents and details as called for in the tender must be submitted without making any reference to submission of such certificate against past order, tender or past experience of supplies with the MPPTCL etc. All tenders wherein these conditions are not complied with may run the risk of rejection without any correspondence from our side.

**46.0 CORRUPT PRACTICES:-** In case during Tender evaluation or after award of contract, it is found that the information furnished by Tenderer are not correct and is engaged in

corrupt/fraudulent practices in competing for the contract, the matter will be taken seriously. Under such circumstances either Tender will be considered as non-responsive or if contract is awarded, same will be cancelled immediately at the risk and responsibility of the Tenderer.

**47.0 The MPPTCL reserves the right to split up the orders on different suppliers separately for the equipments required for various substations or splitting may be done on any other ground without assigning any reasons.**

**48.0 DEPARTURE FROM THESE CONDITIONS & SPECIFICATIONS:-** Should the tenderer desire to depart from these conditions and or related specifications in any respect, he shall draw attention to such departures stating fully the reasons thereof. Unless this is done, these conditions and concerned specifications will hold good.

**49.0 THE DUE DATE OF OPENING OF THIS TENDER IS 11/09/2018 AND NO REQUEST FOR CHANGE/ EXTENSION IN OPENING DATE OF TENDER SHALL BE ENTERTAINED BY US.**

\*\*\*



**Section-II**

**TECHNICAL SPECIFICATION  
FOR  
SUPPLY OF INSULATION MATS**

**SECTION-II  
TECHNICAL SPECIFICATION FOR INSULATION MATS**

1.0 This section provides information regarding desired technical specification of INSULATION MATS to be supplied. In addition, desired technical qualification of the tenderers to qualify the tender has also been elaborated. This section also contains various forms and schedules/Annexures which are to be duly filled in and furnished alongwith the tender.

1.1 It is not the intent to specify completely herein all the details of design and construction of Materials, However the material shall conform, in all respect, to the high standards of design and workmanship and be capable of performing the duties specified herein.

1.2 STANDARDS -

Materials shall conform to the IS-15652/2006 or latest/amended applicable Indian Standards. In case bidders offer Materials conforming to any other International Standards which shall be equivalent or better than IS, the same is acceptable.

1.2.1 ACCEPTANCE OF OTHER AUTHORITATIVE STANDARDS

In the paragraph 1.2 above relevant Indian Standard have been mentioned. However, the Materials meeting any other authoritative International Standard, which ensures equal or better quality than the standards, mentioned shall also be acceptable. Indian Standards for which are not available, the relevant equivalent International Standards will be applicable. Please attach photocopy of all such standards according to which the Material has been offered.

**1.2.2** In this bid, the tenderers will have to furnish confirmation in regard to compliance of our entire technical requirement. The bid should clearly describe various technical particulars of the Materials as per details given in this specification. Based on above information all details required in Schedule-I to Schedule XII should be furnished so that we may be able to examine whether the Bid submitted is technically acceptable or not. Also all details and confirmation required as per Schedule-I to Schedule XII will form part of technical bid.

1.2.3 FEATURES & SPECIFICATIONS -

1. Conforming to IS-15652/2006 (Latest), ISI marked.
2. With stands voltage up to 65 KV AC and 240 Volt DC.
3. Every meter of mat tested and stamped to IS:15652-06 specification with ISI marking.
4. Fire retardant, fire self extinguish within 5 second of lighting.
5. Insulation Resistance up to 1494000 Mega Ohm.
6. Resistant to Acid, Alkalis, solvent and transformer oil.
7. Manufactured without any metallic derivatives.
8. Suitable for both AC & DC Electrical Installations.
9. Easy to install.
10. Water & Moisture proof, does not decay.
11. High Tensile strength and elongation properties.
12. **Material composition:-** Made of high dielectric elastomer, which possess elastic properties and may be natural or synthetic in nature typically a combination of rubber & Synthetic polymers.
13. **Surface:-** upper surface of the mat is having small anti-skid aberration mark (rough surface, without edge) to avoid slippery effect.
14. **Dimension:-** 1 mtr width x 3 mm thickness as per specification.
15. **Colour:-** Black colour without Metallic Derivatives.
16. **Working Temperature:-** - Under normal conditions physical, mechanical and electrical properties remain intact for the temperature ranging 10 to 55°C
17. **MARKING :-** Every meter of mat should be marked with respective class,symbol,Log No. or Batch number.
18. **Workmanship & finish:-** Each meter of Mat should be free from all type of harmful physical irregularities such as pinholes, Cracks ,blisters,cuts marks,voids,entrapped air and prominent ripples.  
**Certificates regarding type test, routine test, test certificate as per IS No.15652-06 is essential to submit with the offer. However firm may asked for checking the sample or inspection at their works by our Inspector.**
19. Approved with leading electronic Instrument testing, Institution like ERDA, CPRI, BIS etc.

**20. Voltage Ratings :-**

CLASS	THICKNESS	WORKING GRADE	PROOF VOLTAGE	B/DOWN VOLTAGE
C	3.0 MM	33 KV	36 KV/3 minutes	65 KV

## 2.0 TECHNICAL SPECIFICATIONS -

S.No.	Characteristics	Standard Value
1	Thickness	3.0mm
2	Tensile strength (N/mm <sup>2</sup> )	15 minimum
3	Elongation %	250 minimum
4	Insulation Resistance with water at 500V	1,000,000 mΩ (minimum)
5	Leakage current at 33 KV	10mA
6	Dielectric Strength	65KV (minimum)
7	Flame Retardance	5.0 Sec (minimum)
8	Effect to Acid, Alkali, Transformer Oil Acid: Tensile Str. (N/mm <sup>2</sup> ) Elog (%)	% Change from Original Value
9	Alkali: Tensile Str. (N/mm <sup>2</sup> ) Elog (%) Diesel: Tensile Str. (N/mm <sup>2</sup> ) Elog (%) T. Oil: Tensile Str. (N/mm <sup>2</sup> ) Elong.)	Tensile Strength 20% Elongation 20 %
10	Ageing Properties at 70 ±1 (°C) for 168 hrs. Tensile Strength (Elongation %)	% Change from Original Value T.S. 25 %

### 3.0 **DATA AND DRAWINGS -**

Tenderers shall furnish the drawing of INSULATION MATS showing the dimension.

### 4.0 **SUBMISSION OF SAMPLES & INSPECTION -**

- (i) If required, the bidder may be asked to submit the samples of the offered materials to the purchaser, if it is desired before opening of the tenders. The sample will be returned after finalization of the contract. The cost towards submission and return of samples will be borne entirely by the respective bidder.
- (ii) If required the material may again be inspected at the premises of successful lowest bidder after placement of order. In such case, no material shall be dispatched from the point of manufacture unless the material is found satisfactory.
- (iii) The acceptance of any quantity of the material shall in no way relieve the successful tenderer of his responsibility for meeting all the requirement of this specification and shall not prevent subsequent rejection if such equipment are later found to be defective.

### 5.0 **SCHEDULE -**

The Schedules, questionnaire and annexure attached with this specification are the integral part of the specification and shall be submitted duly filled in by the tenderers alongwith the offer. The makes of the insulating mats shall be clearly indicated. A general mention that the components shall be of reputed make will not be acceptable.

### 6.0 **DISCREPANCY IN TECHNICAL PARTICULARS -**

It has been noticed that some of the information furnished in the schedule of technical particulars, technical questionnaire and price schedule do not match with each other. In order to avoid any discrepancy, it may be noted that for the purpose of price evaluation the details brought out by the tenderers in "Schedule-III' Technical Questionnaire" will be treated as final and evaluation will be done based on the information which will be given in this Schedule -III. In case of any discrepancy in regard to information given in any other table, responsibility will rest on the Tenderer. While this condition shall be applicable for the purpose of price evaluation, at the time of acceptance of bid, the Purchaser will have the right to take such of the values which are advantageous to the Purchaser.

\*\*\*

**APPENDIX-A**  
**(To be kept in Envelope-I)**

**IMPORTANT COMMERCIAL TERMS & CONDITIONS TO BE  
FURNISHED AND BE READ AT THE TIME OF TENDER OPENING**

<b>S. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Earnest Money Deposit (EMD) Amount, DD/BG No. & Date	
2	Validity of Offer	
3	Whether SSI/NSIC unit	
4	<b>Applicable rate of taxes duties</b>	
	i. G.S.T with HSN Code.	
5	<b>Price Offered (Firm/variable)</b>	
6	Payment Terms	
7	Guarantee Period of INSULATION MATS	
8	Security Deposit	
9	Penalty towards delay in delivery	
10	Delivery period	

**SIGNATURE**  
**WITH SEAL OF TENDERER**

**Proforma-'I'**

**UNDERTAKING**

**(Completeness of Equipment)**

We hereby undertake to confirm that INSULATION MATS has been supplied by us shall be as per specification as specified in Schedule \_\_\_\_\_ attached with Order No. \_\_\_\_\_ dated \_\_\_\_\_ received by us.

We undertake to supply any minor item which might not have been mentioned in the subject schedule but may be necessary for satisfactory operation of the INSULATION MATS.

**Signature & Name of Authorised Signatory  
with seal of the Company**

Place:-

Date :-

**Proforma - II**  
**Proforma of Bank Guarantee for Earnest Money.**

(To be executed on non-judicial stamp paper worth A 250/  
affixing revenue stamp worth A 1/-)

..... *Bank's Name and Address of Issuing Branch or Office* .....

Beneficiary: Madhya Pradesh Power Transmission Company Limited, Block No.4, Shakti Bhawan,  
Rampur, Jabalpur.

Bank Guarantee No ..... date..... Amount.....

We have been informed that ..... ***name of the Tenderer***..... (hereinafter called "the tenderer") has submitted to you its offer dated ..... (hereinafter called "the offer") for the execution / supply of .....***name of contract***..... under Tender Specification No. **TS-05/2018**.

Furthermore, we understand that, according to your conditions, offers must be supported by an EMD Bank guarantee.

At the request of the tenderer, we .....***name of Bank***..... hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of .....***amount in figures***..... (***amount in words***.....) upon receipt by us of your first demand in writing accompanied by a written statement stating that the tenderer is in breach of its obligation(s) under the tender conditions, because the tenderer:

(a) has withdrawn its offer during the period of validity specified by the tenderer in his offer;

**or**

(b) having been notified of the acceptance of its offer by the Purchaser during the period of validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the Performance Security, in accordance with the Tender Specification No. **TS-05/2018**.

This guarantee will expire: (a) if the tenderer is the successful tenderer, upon our receipt of copies of the Contract Agreement signed by the Tenderer and the performance security issued to you upon the instruction of the Tenderer; and (b) if the tenderer is not the successful tenderer, upon the earlier of (i) our receipt of a copy your notification to the tenderer of the name of the successful tenderer; or (ii) seven months from date of opening of tenderer's offer.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

.....***Bank's seal and authorized signature(s)***.....

---

**Note:** All italicized text is for use in preparing this form and shall be deleted from the final document

**SCHEDULE – A**  
**(To be kept in Envelope-II)**  
**COMMERCIAL QUESTIONNAIRE**

NOTE: THE TENDERERS MAY PLEASE NOTE THAT SUBMISSION OF THIS QUESTIONNAIRE DULY AND PROPERLY FILLED IN IS ESSENTIAL. WHILE MAKING ENTRIES AGAINST THE QUESTIONS GIVEN BELOW NO REFERENCE SHOULD BE MADE TO COMMENTS ENTERED ELSEWHERE IN THE TENDER. ALL QUERIES SHOULD BE ANSWERED AND THESE ANSWERS SHOULD BE COMPLETE IN THEMSELVES. PLEASE NOTE THAT NONE OF THE COLUMN SHOULD BE LEFT BLANK AND CLEAR REPLY AGAINST ALL COLUMNS SHOULD BE FURNISHED.

Sr.No.	Particulars	To be filled by Tenderer
1	Name of Tenderers	
2	Place and address	
3	Date and year of establishment of factory for manufacture or date from which appointed as authorized representative (dealer/distributor).	
4	Full details of order No. and date, name of purchaser and quantity of INSULATION MATS, supplied during past three years be enclosed with the Offer. Please confirm.	
5	Please confirm you have submitted EMD as per Tender Requirements. Please also indicate amount of EMD with Demand Draft/BG No and date.	
6	Whether you are registered as SSI/NSIC or Central/State Govt. undertaking. Please furnish full details.	
7	Please confirm your acceptance for extension order for supply of 50% additional quantity of INSULATION MATS over and above quantity included in this Offer as per Clause 38.0 of Section-I.	
8	Please confirm that you have submitted your Offer in three parts as per Clause 6.0 of Section-I.	
9	Please confirm that payment terms as per Clause 20.0 of Section-I is acceptable to you.	
10	Please confirm your acceptance to penalty as per Clause 22.0 of Section-I.	
11	i) Please confirm specifically the delivery schedule as per Clause 21.0 of Section-I. The delivery schedule should be indicated as per the table in no. of days/weeks only. Please also indicate period in days/ weeks as follows :-	
	Maximum period within which replies/ clarifications/ calculations shall be furnished by the Tenderers, after receipt of comments from MPPTCL on the set of drawings.	Weeks
12	Pl. confirm that performance guarantee period for INSULATION MATS shall be 12 months from date of supply as stipulated under Cl. 26.0 of Sect-I.	
13	a. Please confirm that you are agreeable to Clause 6.4.2 of Section- I and unloading at site is included in the Offered Freight Charges.	
	b. Whether the firm is prepared to make good any loss or damage in transit immediately and free of all charges.	
14	Please confirm you have noted safe delivery of material at site by road transport only as per Clause 35.0 of Section-I and agree for the same.	
15	Pl. confirm that the prices of offered equipment/material on Firm basis and as such, no price variation shall be claimed.	
16	a. Please confirm that the prices of INSULATION MATS has been Offered separately as per Schedule-I.	
18	Pl. confirm that performance security shall be furnished as per Cl. 23.0	
19	Please confirm that penalty as per Clause 22.0, @ 0.5% of price of undelivered INSULATION MATS or its accessories if any and other items per week upto a maximum of 10% is acceptable to you.	
20	Please confirm validity of your Offer is 120 days from the date of opening of price bid, otherwise your Offer will be rejected.	
21	Please confirm that Offer in three copies have been submitted.	
22	Please confirm that you have furnished schedule of commercial deviation as	

	per Schedule-B of Section-I.	
23	Please confirm that you have furnished all required documents and information in the bid as desired in Section II.	
24	Please confirm that you have furnished Appendix-A duly filled in.	
25	Whether you agree for inspection by Company's representative prior to dispatch if required.	
26	Have you furnished Routine and Type Test Report with your offer?	
27	Pl. confirm that you have enclosed check list required for the Offer.	
28	Notwithstanding the replies which have already been furnished to above questions, please specifically confirm here that you have carefully gone through the various requirements to be complied with as detailed out in "Annexure 'A' for Payment Procedure" and all conditions mentioned there in are acceptable to you	
29	Please confirm that you have enclosed GST Registration no	
30	Please confirm that delivery period indicated under Clause-21.0 of Section-I is acceptable to you.	
31	Please confirm that you have noted the stipulation under clause no.06 of Section-II regarding discrepancies in technical bid and that the details as furnished in Schedule-III of technical questionnaire shall form the basis for evaluation of bid.	
32	Whether you have submitted DD towards tender cost, if tender is downloaded from MPPTCL website. It so please indicate DD No. and amount.	

**SIGNATURE:**  
**NAME OF TENDERER:**  
**DATE:**



**SCHEDULE – B**  
**(To be kept in Envelope-II)**

**SCHEDULE OF COMMERCIAL DEVIATIONS**

We/I have carefully gone through the commercial requirement of specification and the General condition of contract and well have satisfied ourselves myself and hereby confirm that our/my offer strictly conforms to the requirements of technical specification and general conditions of' contract except for the deviations, which are given below:

S/N	Descriptions & Clause No. of the specification & page number	Stipulation in specification	Deviation offered	Remarks regarding justification of the deviation
1	2	3	4	5

Except for aforesaid deviations, the entire order, if placed on us, shall be executed in accordance with your specification and any other conditions, variation/deviation etc. if found elsewhere in our offer should not be given any considerations while finalizing the tender.

Date-----

Place-----

**Signature & Name of Authorised Signatory with  
seal of the Company**

**SCHEDULE-I**  
(To be kept in Envelope-III)

**SCHEDULE OF PRICES & QUANTITY FOR**  
**INSULATION MATS**

Tenderers may please note that the prices are to be offered exactly as per the format given below. Description of INSULATED MATS and quantity indicated here under should exactly be used for the purpose of offering the prices.

Sr.No.	Particulars of item	Quantity	Rate	Amount
1.	For supply of Insulated Mats size 1 meter width x 3.0 mm. thickness confirming to IS-15652/2006 (Latest) for Control Room at EHV Sub-stations under T&C Circle Ujjain (Rates to be quoted per running meter length) Note : Rates will be F.O.R. destination at Area Store MPPTCL Indore	150 meters		
(Rupees In word				
Taxes :- The Rate of Goods and Service Tax :-				
Grand Total in digit				
Grand Total in Words				

Signature of the Tenderer

Name & Seal of the company.

**SCHEDULE -II**  
(To be kept in Envelope-II)

**GUARANTEED TECHNICAL PARTICULARS OF INSULATING MATS**

Make of offered Insulating Mats-\_\_\_\_\_

<b>S.No.</b>	<b>PARTICULARS</b>	<b>DESIRED SPECIFICATION</b>	<b>SPECIFICATIONS OF OFFERED MATES</b>
1	Thickness	3.0mm, Colour -Black	
2	Tensile strength (N/mm <sup>2</sup> )	15 minimum	
3	Elongation %	250 minimum	
4	Insulation Resistance with water at 500V	1,000,000 m $\Omega$ (minimum)	
5	Leakage current at 33 KV	10mA	
6	Dielectric Strength	65KV (minimum)	
7	Flame Retardance	5.0 Sec (minimum)	
8	Effect to Acid, Alkali, Transformer Oil Acid: Tensile Str. (N/mm <sup>2</sup> ) Elog (%)	% Change from Original Value	
9	Alkali: Tensile Str. (N/mm <sup>2</sup> ) Elog (%) Diesel: Tensile Str. (N/mm <sup>2</sup> ) Elog (%) T. Oil: Tensile Str. (N/mm <sup>2</sup> ) Elong.)	Tensile Strength 20% Elongation 20 %	
10	Ageing Properties at 70 $\pm$ 1 ( $^{\circ}$ C) for 168 hrs. Tensile Strength (Elongation %)	% Change from Original Value T.S. 25 %	
11	Test of Mats as per IS 15652/2006 ( Please enclose test certificate)		

**SCHEDULE- III**  
(To be kept in Envelope –II)

**TECHNICAL QUESTIONNAIRE FOR INSULATION MATS**

**All points mentioned below should be replied in these sheets only without making any reference to any clause in the bid. If replies are incomplete or reply to any clause is not furnished, bids may be treated as incomplete and non- responsive from technical angle.**

1. Name of manufacturer and country of Origin.
2. Name of tenderer
3. Date and year of establishment of factory for manufacture/ authorized dealership/distributorship for supply of offered INSULATION MATS.
4. Complete name, address, mobile, Telephone, and email ID for correspondence.
5. Please confirm make and size is as per Technical specification given.
6. Please confirm that guaranteed technical particulars are as per the desired specification.
7. Please confirm that supply material will be guaranteed against any manufacturing defects for a period as stipulated in the tender.
8. Please confirm if all accessories as per the Technical specification have been included in the offered prices.
9. Please confirm that all the points mentioned in tender specification regarding design of the INSULATION MATS has been taken into consideration and in case any deviation the same has been stated.
10. Please indicate herewith design deviations / additional features, if any, in the offered design of INSULATION MATS compared to the specification.
11. Please confirm that you have enclosed performance certificates from utilities for offered INSULATION MATS.

SIGNATURE OF TENDERER  
Name & Seal of the company.

**SCHEDULE-IV**  
**(To be kept in Envelope -II)**

**DETAILS OF DRAWINGS SUBMITTED WITH THE TENDER**

**The tenderer shall mention details of drawings which have been submitted along with the Tender in the following table.**

<b>Sr. No.</b>	<b>Drawing No</b>	<b>Particulars of Drawing.</b>

SIGNATURE OF TENDERER

Name & Seal of the company.

**SCHEDULE- V**  
(To be kept in Envelope –II)

**SCHEDULE OF TECHNICAL DEVIATIONS**

We/I have carefully gone through the Technical specification and we/I have satisfied ourselves/ myself and hereby confirm that our/my offer strictly conforms to the requirements of technical specification except for the deviations, which are given below :

S. No.	Description & Clause No. of specification & page number	Stipulation in specification	Deviation offered	Remarks regarding justification of the deviation.

SIGNATURE OF TENDERER

Name & Seal of the company.

**SCHEDULE-VII**  
(To be kept in Envelope -II)

**LIST OF TYPE TESTS**

This list shall be enclosed for each type of material offered by the Tenderer

S/N	Reference No. and date of test report with no. of sheets of report	Description of Material	Description of type test	Method of application when, applied, duration of test Interpretation of results of Test.	Date of Test	Name of testing Laboratory	Test Result	Remarks If any
<b>1.</b>	<b>2.</b>	<b>3.</b>	<b>4.</b>	<b>5.</b>	<b>6.</b>	<b>7.</b>	<b>8.</b>	<b>9.</b>

SIGNATURE OF TENDERER

Name & Seal of the company.

**SCHEDULE VIII**  
(To be kept in Envelope -II)

**CHECK LIST OF SCHEDULES**

Tenderer shall specifically declare that they have enclosed various schedules, drawings and other details as per bid.

REFERENCE	PARTICULARS	DECLARATION (STRIKE OUT WHICHEVER IS NOT APPLICABLE)
<b>SCHEDULE-II</b>	GUARANTEED TECHNICAL PARTICULARS	YES/NO
<b>SCHEDULE-III</b>	TECHNICAL QUESTIONNAIRE	YES/NO
<b>SCHEDULE-IV</b>	DETAILS OF DRAWINGS SUBMITTED WITH THE TENDER	YES/NO
<b>SCHEDULE-V</b>	SCHEDULE OF TECHNICAL DEVIATIONS	YES/NO
<b>SCHEDULE-VI</b>	UNPRICED SCHEDULE	YES/NO
<b>SCHEDULE-VII</b>	LIST OF TYPE TEST	YES/NO
<b>SCHEDULE-VIII</b>	CHECK LIST	YES/NO

SIGNATURE OF TENDERER

Name & Seal of the company.